

SEARCH REQUEST FORM

Scientific and Technical Information Center

Access DB#

Requester's Full Name: TESFALDET BILGURE Examiner #: 02293 Date: 7/16/2001
 Art Unit: 8639 Phone Number 305 4735 Serial Number: 09 810,314
 Mail Box and Bldg/Room Location: PK2 3A14 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: COMMUNICATOR PROCESSOR FOR Electric Tower ^{Substations}

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Litigation Search

5670324

07-17-01 AG8:14 IN

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>12 completed</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: <u>7/17</u>	Litigation <u>/</u>	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

1/9/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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13302504

Basic Patent (No,Kind,Date): CA 2173645 AA 19961008 <No. of Patents: 004>

PATENT FAMILY:

BRAZIL (BR)

Patent (No,Kind,Date): BR 9601287 A 19980113
APARELHO PROCESSADOR DE COMUNICACOES (Portugese)
Patent Assignee: SCHWEITZER ENGINEERING LAB INC (US)
Author (Inventor): SCHWEITZER EDMUND O III; WOOD DAVID C
Priority (No,Kind,Date): US 418185 A 19950407
Applic (No,Kind,Date): BR 96U1287 A 19960408
IPC: * H02J-013/00
Language of Document: Portugese

BRAZIL (BR)

Legal Status (No,Type,Date,Code,Text):
BR 9601287 P 20010515 BR FF INTENTION TO GRANT (PEDIDO
DEFERIDO)

CANADA (CA)

Patent (No,Kind,Date): CA 2173645 AA 19961008
COMMUNICATIONS PROCESSOR FOR ELECTRIC POWER SUBSTATIONS (English;
French)
Patent Assignee: SCHWEITZER ENGINEERING LAB INC (US)
Author (Inventor): SCHWEITZER EDMUND O III (US); WOOD DAVID C (US)
Priority (No,Kind,Date): US 418185 A 19950407
Applic (No,Kind,Date): CA 2173645 A 19960409
IPC: * H04L-029/02
Derwent WPI Acc No: ; G 97-415914
Language of Document: English

CHINA (CN)

Patent (No,Kind,Date): CN 1143290 A 19970219
TRANSFORMING STATION COMMUNICATION PROCESS EQUIPMENT (English)
Patent Assignee: SCHWEITZER ENGINEERING LAB INC (US)
Author (Inventor): THIRD E O SCHWEITZ (US); WOOD D C (US)
Priority (No,Kind,Date): US 418185 A 19950407
Applic (No,Kind,Date): CN 96104574 A 19960405
IPC: * H04L-029/00
Language of Document: Chinese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5680324 A 19971021
COMMUNICATIONS PROCESSOR FOR ELECTRIC POWER SUBSTATIONS (English)
Patent Assignee: SCHWEITZER ENGINEERING LAB INC (US)
Author (Inventor): SCHWEITZER III EDMUND O (US); WOOD DAVID C (US)
Priority (No,Kind,Date): US 418185 A 19950407
Applic (No,Kind,Date): US 418185 A 19950407
National Class: * 364514000C; 364273000; 364492000; 364489000;
340870020; 340870110
IPC: * G06K-015/00; H02H-003/00
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):
US 5680324 P 19950407 US AE APPLICATION DATA (PATENT)
(APPL. DATA (PATENT))
US 418185 A 19950407
US 5680324 P 19950517 US AS02 ASSIGNMENT OF ASSIGNOR'S
INTEREST
SCHWEITZER ENGINEERING LABORATORIES, INC.
N.E. 2350 HOPKINS CT. PULLMAN, WASHING ;
SCHWEITZER, EDMUND O. III : 19950426; WOOD,
DAVID C. : 19950426

US 5680324
US 5680324

P 71021 US A PATENT
P 20010605 US RF REISSUE APPLICATION FILED
(REISSUE APPL. FILED)
20010314

LEVEL 1 OF 1 PATENT

5,680,324

<=2> GET 1st DRAWING SHEET OF 8

Oct. 21, 1997

LEXIS-NEXIS
Library: PATENT
File: ALL

Communications processor for electric power substations

REISSUE: Reissue Application filed Mar. 14, 2001 (O.G. Jun. 5, 2001) Ex. Gp.:
2733; Re. S.N. 09/810,314

CORE TERMS: port, processor, relay, input, terminal, protective, buffer,
capability, message, bit...

5,680,324 OR 5680324

LEXIS-NEXIS
Library: **PATENT**
File: **CASES**

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What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5,680,324 OR 5680324

LEXIS-NEXIS
Library: PATENT
File: JNLS

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5,680,324 OR 5680324

LEXIS-NEXIS
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File: **CURNWS**

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What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

1/3 LGST (1/1) - (C) LEGSTAT
PN - US 5680324 [US5680324]
AP - US 418185/95 19950407 [1995US-0418185]
DT - US-P
ACT - 19950407 US/AE-A
APPLICATION DATA (PATENT)
{US 418185/95 19950407 [1995US-0418185]}
- 19950517 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
SCHWEITZER ENGINEERING LABORATORIES, INC. N.E. 2350 HOPKINS CT.
PULLMAN, WASHING * SCHWEITZER, EDMUND O. III : 19950426; WOOD, DAVID
C. : 19950426
- 19971021 US/A
PATENT
- 20010605 US/RF
REISSUE APPLICATION FILED
20010314
UP - 2001-23

2/3 CRXX (1/1) - (C) CLAIMS/RRX
AN - 2898410
PN - 5,680,324 D 19971021 [US5680324]
PA - Schweitzer Engr Labs Inc
PT - E (Electrical)
ACT - 20010314 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010605
REISSUE REQUEST NUMBER: 09/810314
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2733

Reissue Patent Number:

UP - 2001-23
UACT- 2001-06-05

3/3 PAST (1/1) - (C) PAST
AN - 200123-001306
PN - 5680324 A [US5680324]
DT - A (UTILITY)
OG - 2001-06-05
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED